DENVER®

INSTRUCTION MANUAL
BETJENINGSVEJLEDNING
BRUKSANVISNING
BEDIENUNGSANLEITUNG
MANUAL DE INSTRUÇÕES

MCA - 150

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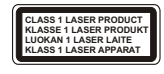
DENVER MCA-150 INSTRUCTION MANUAL

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

Use of controls or adjustments or performance of procedures other thanthose specified herein may result in hazardous radiation exposure.



This Compact Disc player is classified as CLASS 1 LASER product.

CAUTION!

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.

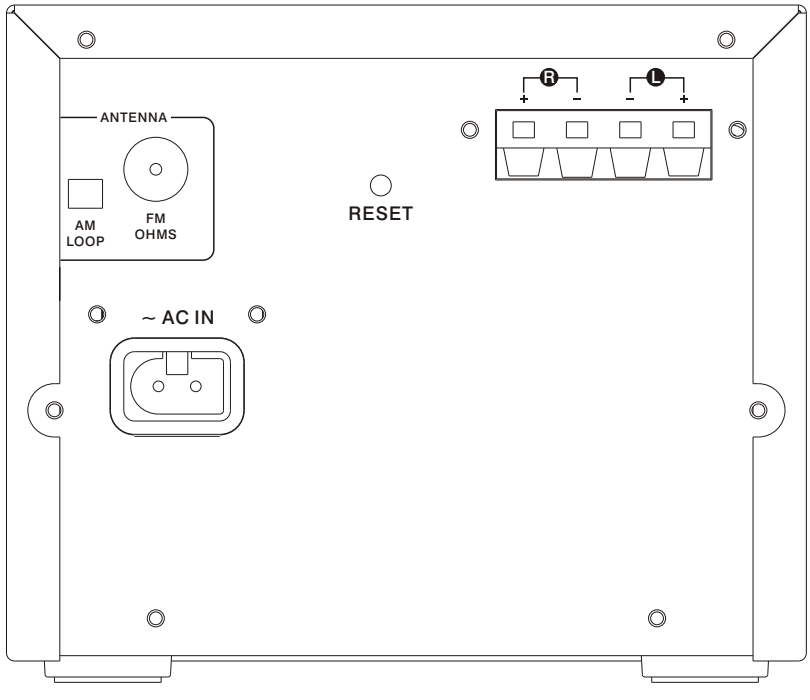
FOR SAFE AND EFFICIENT OPERATION

- Do not damage the mains lead.
  When not in use, disconnect the mains lead from the outlet. Grasp the plug, not the mains lead, when disconnecting the unit.
- If water should enter the unit, electrical shock or a malfunction may result. Use in an area where there is low humidity and little dust.
- Do not disassemble or alter the unit in any way.
- Do not use the unit in areas where extremes in temperature occur (below 5 C or exceeding 35 C), or where it may be exposed to direct sunlight.
- Because of the CD player's extremely low noise and wide dynamic range, there is a tendency to turn the volume on the amplifier higher than necessary. Doing so may produce an excessively high output from the amplifier which can cause damage to your speakers. Please be careful in this regard.
- Sudden changes in the surrounding temperature can cause dew to form on the optical pickup lens inside the unit. Under this condition the unit may be unable to operate properly.
  If this should occur, remove the disc and allow the player to adjust to the surrounding temperature.
- This unit must be operated in a horizontal position.
- Please use the original CD software, and any copy discs are not recommendable for use.

- The apparatus shall not be exposed to dripping or splashing.
  Do not install the equipment in a confined spaces, such as a book case or built-in cabinet.

THIS UNIT SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

POWER SUPPLY



AC power operation

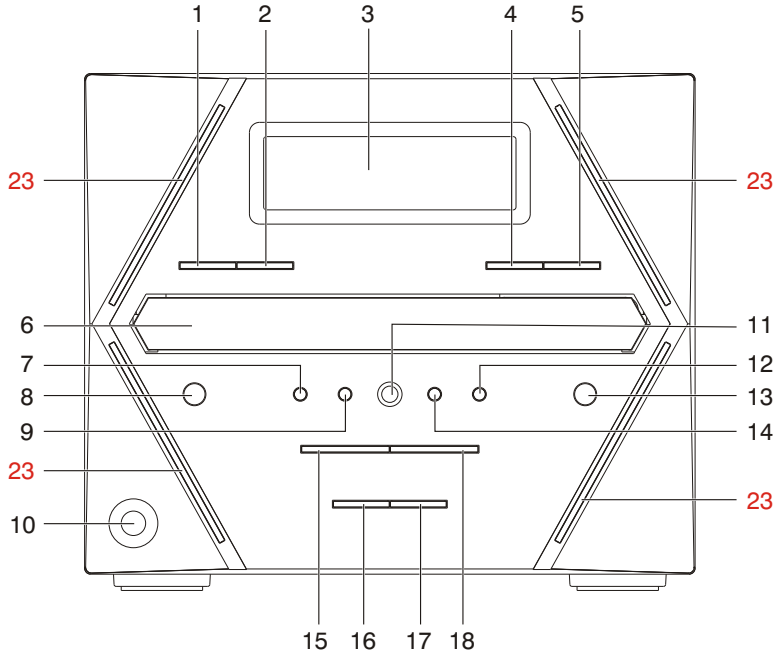
- Connect one end of the mains lead to the (AC ~IN) socket and the other end to an AC outlet.

The unit is not disconnected from the mains unless the mains lead is unplugged from the AC outlet.

RESET BUTTON OPERATION

When mistake operation occurs, for example don't display " D:00 ",disconnect the AC CORD to turn off the unit, press " RESET " button with a small tool. Then turn on the unit, display "0:00".

Note: When press the "RESET" button, the previous memories invalidate, need reset.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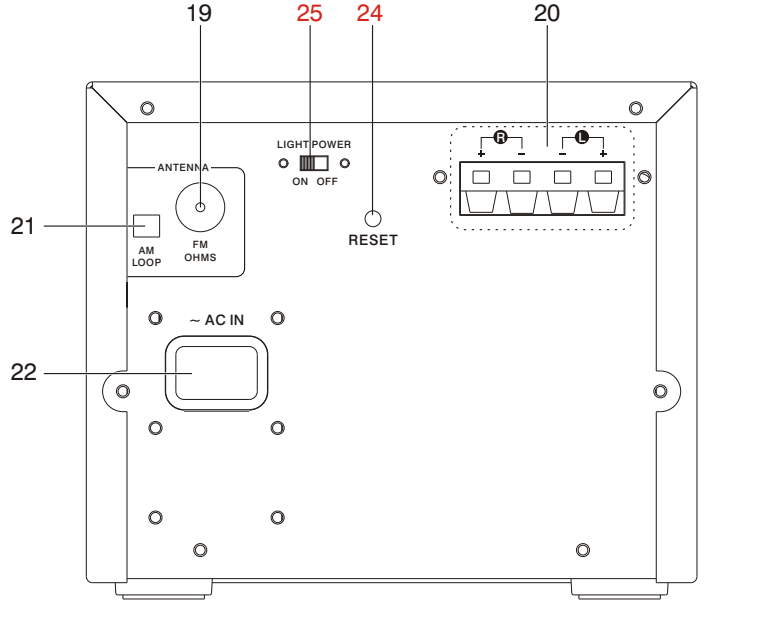
19
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24
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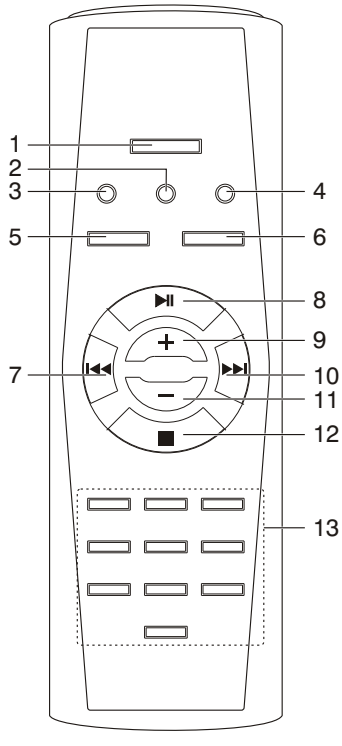
LIGHT POWER
ON OFF
ANTENNA
21
AM LOOP
FM OHMS
RESET
~ AC IN
22

CONTROLS

1. Volume button (VOLUME –)
2. Volume button (VOLUME +)
3. LCD display (back light)
4. CD function button (CD)
5. Tuner function button (TUNER)
6. Disc tray
7. CD/RW Repeat button (REPT/M-UP)
8. Power button (POWER)
9. P-EQ button (P-EQ)
10. Phone jack (PHONE)
11. IR remote sensor
12. M/CLKADJ button (M/CLKADJ)
13. CD Open/close (OPEN/CLOSE)
14. Random button (RANDOM)
15. Play/Pause button (PLAY/ PAUSE ⏯)
16. CD/RW Skip / Tuning up button (⏮ SKIP)
17. CD/RW Skip / Tuning down button (⏭ SKIP)
18. Stop / Band button (■ /BAND)
19. FM 75 ohms aerial terminal
20. Speaker terminal
21. AM aerial earth terminal
22. AC input socket (AC~IN)
23. Strip type blue power level indicator
24. Reset button (RESET)
25. Light power switch (LIGHT POWER)

REMOTE CONTROL

Controls



1. Power button (POWER)
2. M/clk adj button (M/CLK ADJ)
3. EQ button (EQ)
4. Rept/m-up button (REPT/M-UP)
5. Function button (FUNCTION)
6. 0-,1-, 2- Direct key button (OVER)
7. SKIP / Tuning down button (⏮)
8. Play/ Pause button (⏯)
9. Volume button (+)
10. SKIP / Tuning up button (⏭)
11. Volume button (–)
12. Stop / Band button (■ /BAND)
13. Direct 10 key buttons (1~10)

- There are some discs which do not have all command signal.
- While these discs playing, the above various play may not be operated.

CONTROL OPERATION

NO.	Button Name	Operation
1.	Volume down button (VOLUME —)	Press the VOLUME — key to decrease the volume. MAXIMUM →80db→ 70db ····· 4db→2db→0db
2.	Volume up button (VOLUME +)	Press the VOLUME + key to Increase the volume. 40db→42db→44db ····· 78db→80db→MAXIMUM
4.	CD function button (CD)	Press CD key to CD function.
5.	Tuner function button (TUNER)	Press TUNER key to Radio function.
7.	Repeat / memory button (REPT/M-UP)	• At CD mode: press REPT/M-UP button, display flash "REPEAT", repeat the current track continuously. Again press REPT/M-UP button, display "REPEAT", to repeat the entire disc. • At radio mode: press REPT/M-UP button, memory numeric radio number up display.
8.	Power button (POWER)	Press POWER button to be on and standby power.
9.	Equalizer button (P-EQ)	There are 4 deferent equalizing mode, FLAT\ CLASSIC\ROCK and POP . The user can select one of them by pressing the EQ key. NORMAL ← POP ↓ ↑ CLASSIC → ROCK
12.	Memory/Program button (M/CLKADJ)	(A) 1. In CD mode, press M/CLKADJ key one time to make the "MEMORY" display flash during the CD is stop. 2. Specify a track to play by pressing ⏮ or ⏭ key. 3. Pressing M/CLKADJ one time, then track is stored into the program. (B) 1. IN tuner mode, press M/CLKADJ key one time, to make the " MEMORY " display flash. 2. Press ⏮ or ⏭ key, radio auto stop. 3. Press REPT/M-UP again, then the desired station is stored in channel 1. 4. Press M/CLKADJ key again. * Up to a maximum CD: 20 \ FM:10 \ AM:10

CONTROL OPERATION

NO.	Button Name	Operation
13.	OPEN/CLOSE button (OPEN/CLOSE)	Press the OPEN/CLOSE button to open and close the disc tray.
14.	Random button (RANDOM)	Press the RANDOM button, the tracks on the disc can be played in random order automatically.
15.	Play/ Pause button (▶II)	CD Play back start and Pause (temporary stop) function. PLAY➡ PAUSE in sequently during playing back.
16.	Fast backward skip/search button (I◀◀)	1. In CD mode, press "I◀◀" key to choose desired track during the CD is stop. 2. Each press will change the track number by one. 3. In tuner mode, when the "I◀◀" key is pressed for more than 0.5 seconds, scanning will start automatically and the tuner will stop at the first receivable broadcast station. **NOTE:** Under playing, press "I◀◀ "button, it's can't return to last song from first song. We can choose any song under stopping.
17.	Fast forward skip/search button (▶▶I)	1. In CD mode, press "▶▶I" key to choose desired track during the CD is stop. 2. Each press will change the track number by one. 3. In tuner mode, when the "▶▶I" key is pressed for more than 0.5 seconds, scanning will start automatically and the tuner will stop at the first receivable broadcast station. **NOTE:** Under playing, press "▶▶I "button, it's can't return to last song from first song. We can choose any song under stopping.
18.	CD stop play/radio band button (■ /BAND)	• Press the ■ /BAND key to the stop the disc playing. • During tuner mode, press ■ /BAND key to select the desired reception band AM or FM.

OPERATION OF REMOTE HANDSET

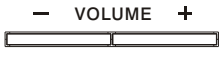
NO.	Button Name	Operation
1. 2. 3. 4. 7. 8. 9. 10. 11. 12.	Power button M/clk adj button EQ button Rept/m-up button SKIP / Tuning down button Play/ Pause button Volume button SKIP / Tuning up button Volume button Stop / Band button	PREFERENCES CONTROL OPERATION.
5.	Function button (FUNCTION CD/TUNER)	There are 2 deferent function mode, CD and TUNER. The user can select one of them by pressing the FUNCTION key .
6.	Over button (OVER)	Press OVER button, and press numeric keys, select " 0- , 1- , 2- "
13.	Over button (1~0)	Numeric keys.

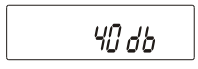
GENERAL OPERATION

To open and close the power

POWER

To control the sound





Display on LCD

Press and release repeatedly

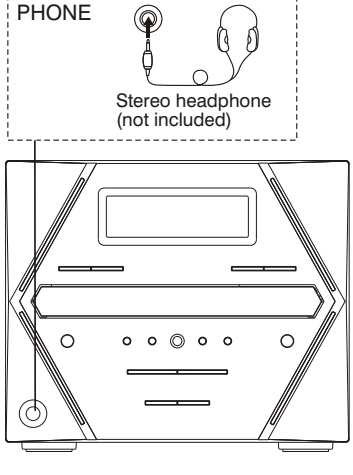
Press the VOLUME button to adjust the sound.

DISPLAY NOTES:

- If a disc is loaded upside down, " No disc " will be displayed.
- If no disc is loaded, " No disc " will be displayed.
- Opening the CD compartment lid while a is playing could scratch the disc. Always press the STOP button and wait for the disc to stop rotating before opening the CD compartment lid.

Using headphones

When the headphones are plugged in, the speakers are automatically disconnected.



Compact discs

- Both 8cm and 12cm discs can be played in this unit.
  NOTE: Place only one disc at a time in the CD compartment.
- Only discs bearing the logo as shown can be played in this unit.

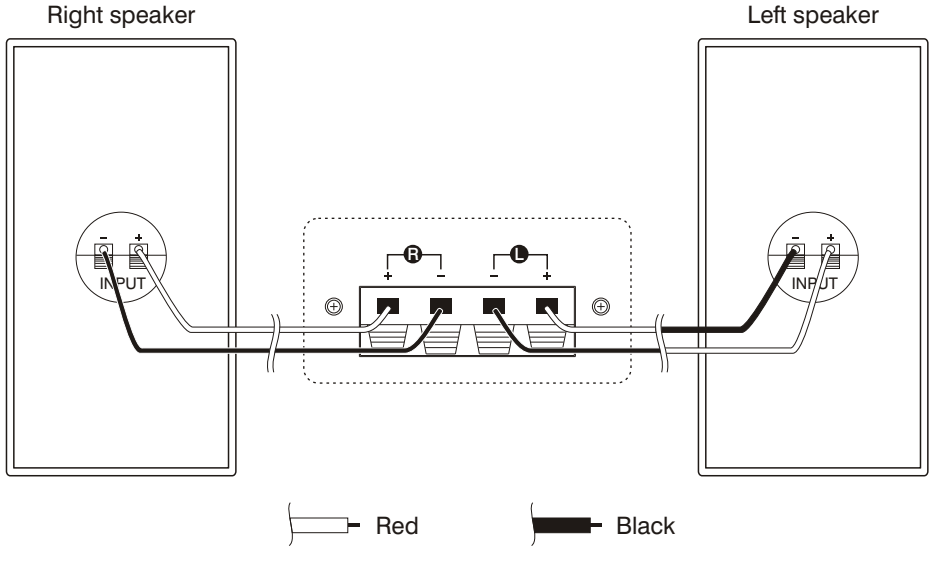
- Always place the compact disc in the CD compartment with the label facing up.
  Compact discs can be played on only one side.
- Fingerprints and dust should be carefully wiped off the disc's signal surface (opposite the label side) with a soft cloth. Gently wipe in a straight motion from the inside to the outside of the disc.
- Discs should be returned to their case after use to avoid serious scratches which could cause the player to skip.
- Do not expose a disc to direct sunlight, high humidity, or high temperatures for extended periods of time to prevent warping the disc.
- Do not apply paper or write anything on the surface of the disc.
- Do not use cleaners or antistatic sprays on discs, such as those used for phonograph recorder.

IMPORTANT NOTE:

If an abnormal display indication, audio or an operating problem occurs, please press the POWER button to OFF position, then disconnect the mains lead and all cables. Wait at least 5 seconds, then reconnect all cables to correct position. Reconnect the mains lead.

SPEAKER CONNECTION

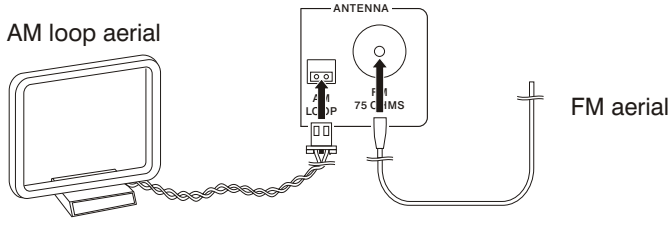
There is no distinction between the right and the left speakers.



Caution:

- Do not mistake the right and the left channels. the right speaker is the one on the right side when you face the unit.
- Do not let the bare speaker wires touch each other.
- Do not allow any objects to fall into or to be placed in the bass reflex ducts.
- Do not stand or sit on the speakers. You may be injured.

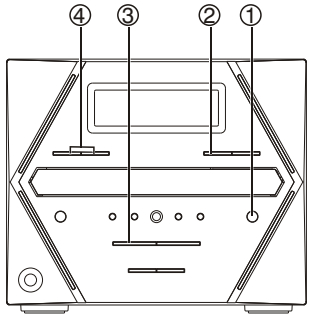
AERIAL CONNECTION



- **Supplied FM aerial:**
  Connect the FM aerial wire to the FM 75 OHMS terminal and position the FM aerial wire in the direction where the strongest signal can be received.
- **Supplied AM loop aerial:**
  Connect the AM loop aerial wire to the AM LOOP socket. Position the AM loop aerial for optimum reception. Place the AM loop aerial on a shelf, etc., or attach it to a stand or a wall with screws (not supplied).

COMPACT DISC OPERATION

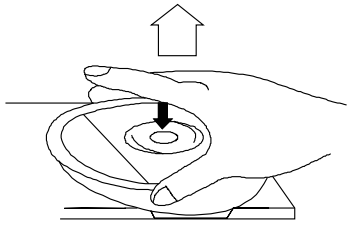
CD PLAY



①

OPEN/
CLOSE

Open the disc tray

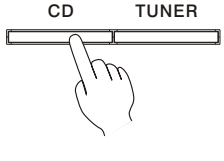


Label facing up

OPEN/
CLOSE

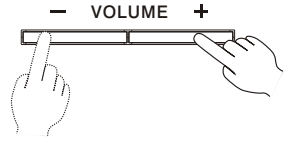
Close the disc tray

② **TO CD**

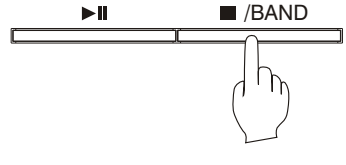


③ **Press the "PLAY" button to play.**

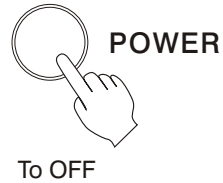
④ **To control the sound.**



Press and release repeatedly

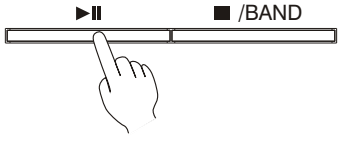


Press STOP.



To OFF

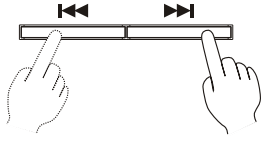
PAUSE



1. Press the PLAY/PAUSE button during play. Play will temporarily stop, and PAUSE indicator will show.

2. Press the PLAY/PAUSE button again to resume play. Pause indicator will go off.

TRACK SKIP



Press and release repeatedly

1. Press and release the I◀◀ or ▶▶I SKIP button repeatedly during play to quickly locate the beginning of a track.

2. The CD track number display will show the number of the selected track. Play will continue from the beginning of the new track.

PROGRAMMED PLAY

With programmed play, up to 20 tracks on a disc can be memorized and played in any order.

For example to program track 7, 12

① In stop state, Press M/CLKADJ button, the MEMORY indicator will flash.

Display on LCD

↓

Press the ⏮ or ⏭ SKIP button.

↓

Press M/CLKADJ button, the " MEMORY " indicator will show.

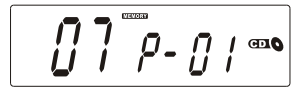
② Press the ⏭ SKIP button.

Display on LCD

↓

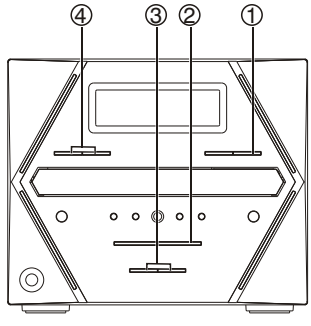
Press M/CLKADJ button, the " MEMORY " indicator will show.

③ Press PLAY/PAUSE button and programmed play starts automatically.

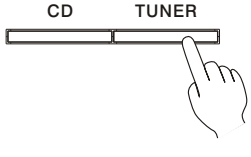


④ To cancel the programmed play, press STOP button and then M/CLKADJ button once, press STOP button again.

RADIO OPERATION

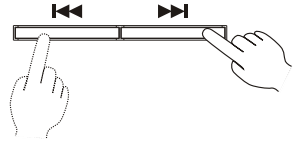


① To RADIO.



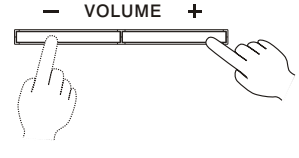
② Select a band.

③ Tune in a station.

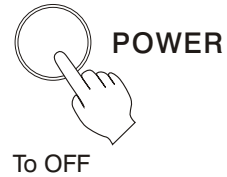


In tuner mode, when the TUNING button is pressed for more than 0.5 seconds, scanning will start automatically and the tuner will stop at the first receivable broadcast station.

④ To control the sound.



Press and release repeatedly

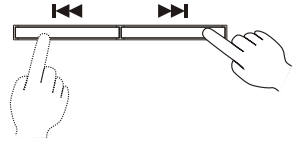


To OFF

CLOCK OPERATION

After connecting the power, press " M/CLKADJ " button and at the some time, display " 24H " indicator will flash, Press " ⏮ " or " ⏭ " button to select "12H" or "24H", again press " M/CLKADJ " button, and pressthe " ⏮ " or " ⏭ "button the current time is set.

M/CLKADJ



SPECIFICATIONS

(CD Section)

Channels	: 2 channels 4 speaks
S/N ratio	70 dB
Wow & Flutter	: Undetectable
Sampling frequency	: 44.1 kHz
Quantization	:16 bits linear/ch
Pick up light source	: Semi-conductor laser
Pick up wave length	: 790mm
Laser output	: Continuous wave max. 0.6mW

(Radio Section)

Tuning ranges	: FM : 87.5-108MHz AM : 522-1620KHz
Aerials	: FM wire ANT AM loop ANT

(General)

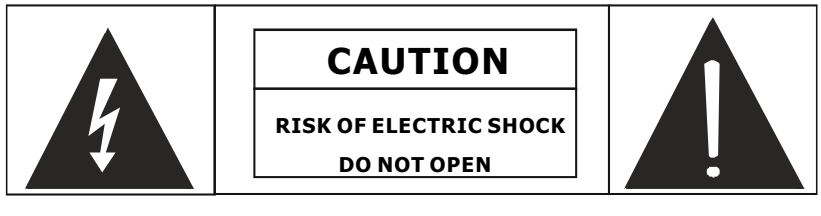
Power output	: 30W(15W+15W) (10%. T.H.D.)
Terminals - Output	: Headphones, speaks
Power source	: AC: 230V/50Hz
Dimensions	: 150 x 292 x 128 mm (W) x (D) x (H)
weight (approx)	: 3.9kg

(Speaker)

Speaker	: 92mm x 2 (8 ohms)
Dimensions	: 126 x 246 x 238 mm (W) x (D) x (H)
weight (approx)	: 4.3kg

● Specifications subject to change without notice.

CE



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